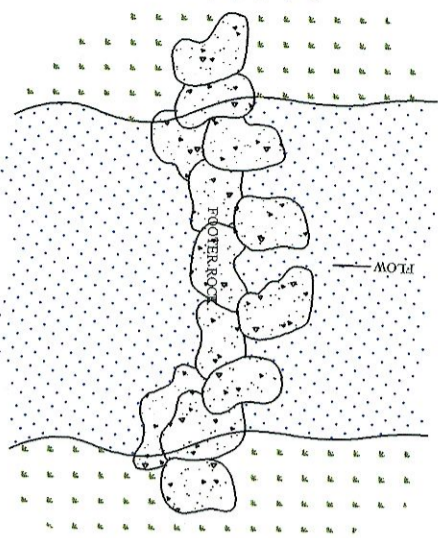
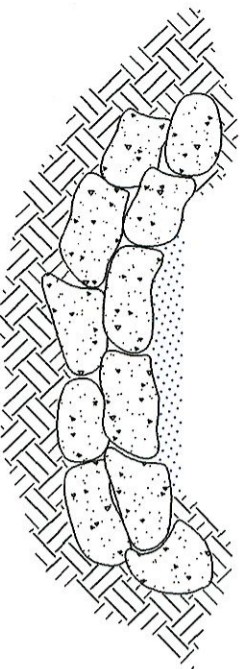


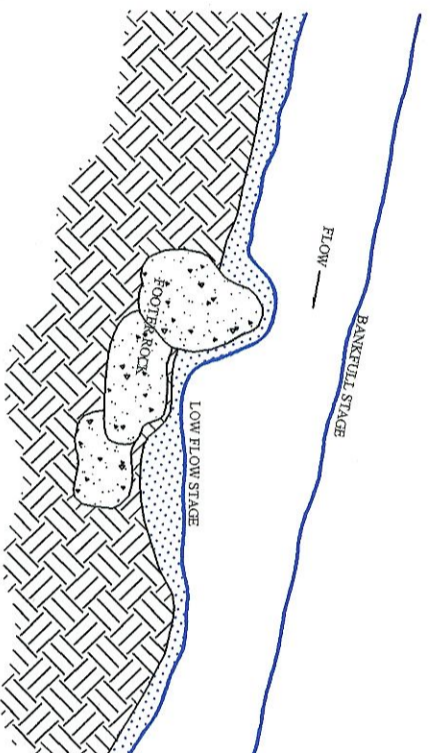
PLAN VIEW



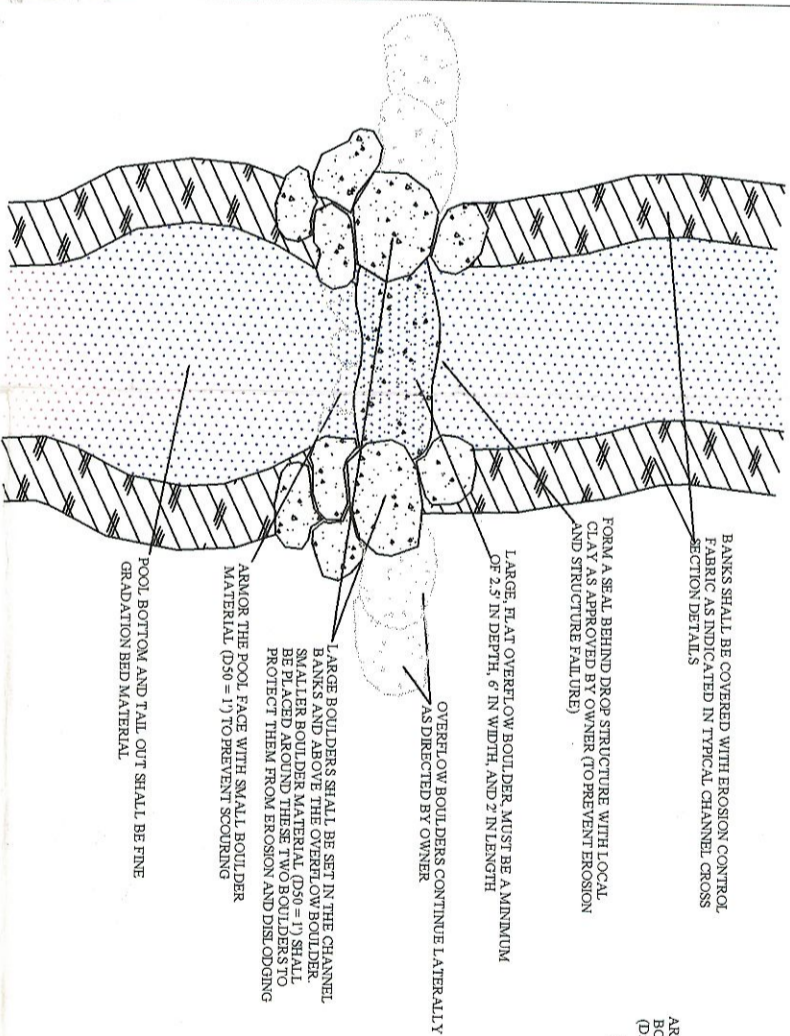
CROSS SECTION VIEW



PROFILE VIEW



PLAN VIEW



BANKS SHALL BE COVERED WITH EROSION CONTROL FABRIC AS INDICATED IN TYPICAL CHANNEL CROSS SECTION DETAILS

FROM A SET BEHIND REPOSE STRUCTURE WITH LOCAL CLAY AS APPROVED BY OWNER (TO PREVENT EROSION AND STRUCTURE FAILURE)

OVERFLOW BOULDERS CONTINUE LATEROALLY

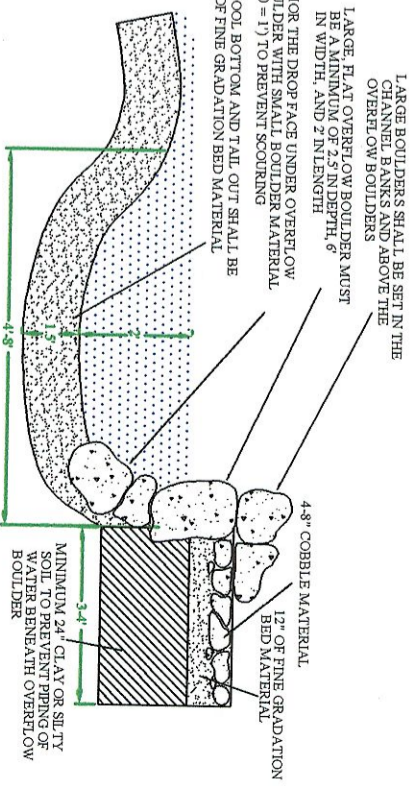
AS DIRECTED BY OWNER

LARGE FLAT OVERFLOW BOULDER MUST BE A MINIMUM OF 2.5 IN DEPTH, 6 IN WIDTH, AND 2 IN LENGTH

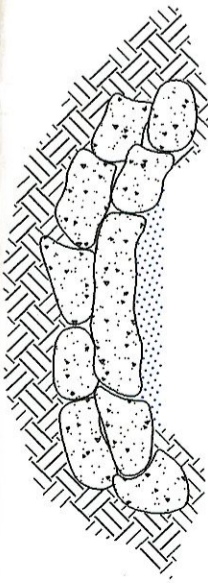
LARGE BOULDERS SHALL BE SET IN THE CHANNEL, SMALLER BOULDER MATERIAL (D50 = 1) SHALL BE PLACED AROUND THESE TWO BOULDERS TO PREVENT THEM FROM EROSION AND/OR COING MATERIAL (D50 = 1) TO DOWN IN CHANNEL

LARGE THE POOL IN THE CHANNEL SHALL BE FINE GRADATION BED MATERIAL

POOL BOTTOM AND TAIL OUT SHALL BE FINE GRADATION BED MATERIAL



CROSS SECTION VIEW



LEGEND:

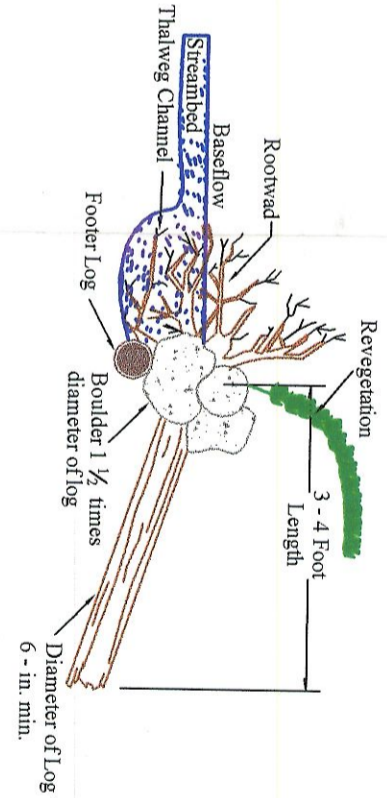
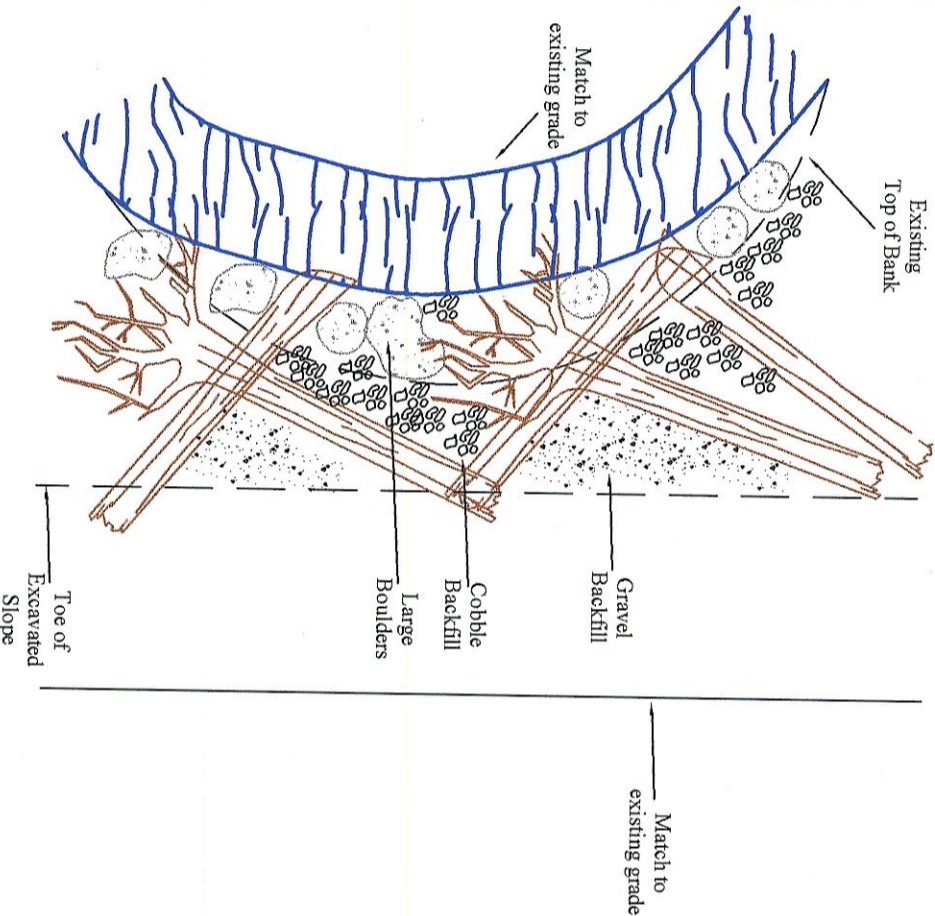
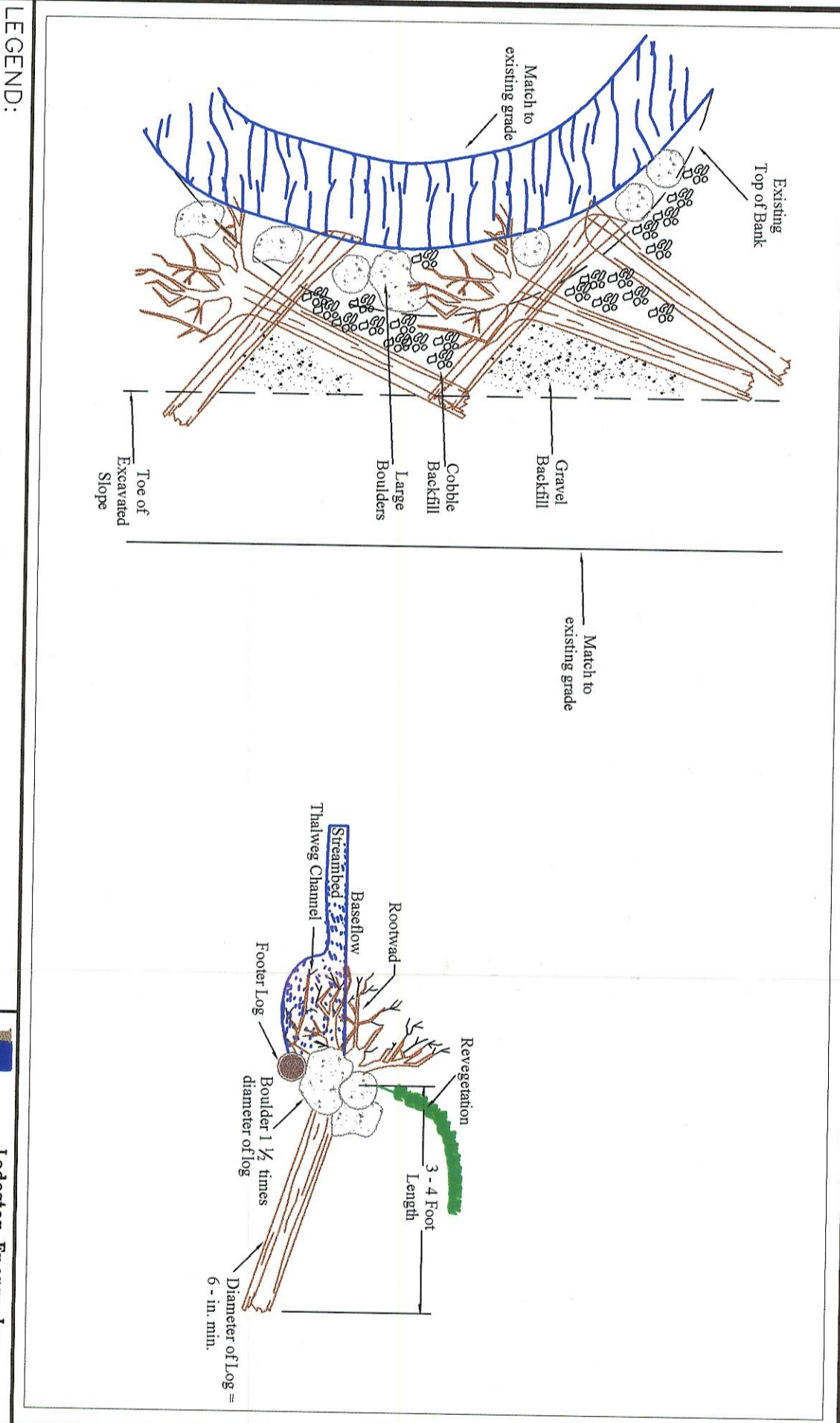
<b>Lodestar Energy Inc.</b> Mountain Operations, White Oak Mine HC 35, Box 370, Helper UT, 84526 PH #: 435-637-9200 Fax #: 435-448-9456			
DRAWN BY:	JASON BENNETT	SCALE:	NTS
APPROVAL:	DAVE MILLER	SHEET:	1 of 1
TITLE:	VORTEX WEIR	DATE:	FEB. 20, 2001
DRAWING:	CLAYTON WHITE OAK CHANNEL PROFILE.DWG	REV. DATE:	

LEGEND:



<b>Lodestar Energy Inc.</b> Mountain Operations, White Oak Mine HC 35, Box 370, Helper UT, 84526 PH #: 435-637-9200 Fax #: 435-448-9456			
DRAWN BY:	JASON BENNETT	DATE:	FEB. 20, 2001
APPROVAL:	DAVE MILLER	DATE:	FEB. 20, 2001
DRAWING:	CLAYTON WHITE OAK CHANNEL PROFILE.DWG	REV. DATE:	

1' DROP STRUCTURE



LEGEND:

<b>Lodestar Energy Inc.</b> Mountain Operations, White Oak Mine HC 35, Box 370, Helper UT, 84526 PH #: 435-637-9200 Fax #: 435-448-9456			
DRAWN BY:	RR	SCALE:	NTS
APPROVAL:	DAVE MILLER	SHEET:	1 of 1
TITLE:	Revegetment System	DATE:	FEB. 28, 2001
DRAWING:	C:\Data\revegetment.syst.dwg	REV. DATE:	

<b>Lodestar Energy Inc.</b> Mountain Operations, White Oak Mine HC 35, Box 370, Helper UT, 84526 PH #: 435-637-9200 Fax #: 435-448-9456			
DRAWN BY:	Lodestar Engineering	SCALE:	NTS
APPROVAL:	DAVE MILLER	SHEET:	1 of 1
TITLE:	Figures for Stream Attention	DATE:	Aug. 29, 2001
DRAWING:	Paradise - Division of Water Rights	REV. DATE:	

